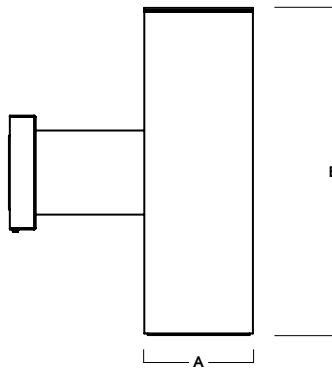


# 6" SQUARE DIRECT / INDIRECT FOCUSED ILLUMINATION



SERIES	A	B
C0618SQUDXT C0624SQUDXT	6.0	18.0 24.0

Fixture Weight: 17.2 lbs

## C0618SQUDXT, C0624SQUDXT - WALL MOUNT

### APPLICATION

6" square x 18" or 24" high direct / indirect XT series cylinder luminaire for accent and general illumination.

### FEATURES

Spectrum's Cylinder series provides traditional architectural style with high performance and energy efficient illumination. Rugged design with flexible mounting, finish and LED options make these extremely versatile fixtures. Quick change LED module with interchangeable optics for job site flexibility and fixture upgrade.

### FINISH

Multi-stage polyester powder-coat process applied on our dedicated paint lines. See mounting and color pages for standard finishes. All exposed materials are chromate pretreated to resist corrosion.

### ELECTRONICS

LED system features Xicato LED module with proprietary phosphor technology that provides consistent stable color with CCT control of +/- 100K over life of the light engine. Base CRI is 83 with 2-step MacAdam Ellipse binning. High CRI is 98 with 1 x 2-step MacAdam Ellipse binning. Variety of electronic 120V/277V and dimming drivers. 1 or 2 circuit operation.

### CONSTRUCTION

Fabricated seamless aluminum fixture housing. Silicone gasket seals optical chamber. Specular primary optical reflectors provide high efficiency illumination. Impact resistant tempered glass lenses. Stainless steel hardware with galvanized steel brackets to resist corrosion. Die-cast aluminum trim.

### CODE COMPLIANCE

BAA compliant. ETL certified to meet US and Canadian standards. Suitable for dry or damp locations. Wet Location Option. Manufactured and tested to UL standards No. 1598/8750.

LUMENS / WATTAGE DATA				
PART NUMBER	SOURCE LUMENS	DELIVERED LUMENS <sup>2</sup>	SYSTEM WATTS <sup>3</sup>	LPW
C06xxSQUDXT10Lx2	2000	1374	18.2	75
C06xxSQUDXT13Lx2	2600	1852	26.0	71
C06xxSQUDXT20Lx2	4000	2849	43.4	66

SERIES	UPLIGHT <sup>4</sup>		DOWNLIGHT		CCT		DRIVER / DIMMING <sup>7</sup>		OPTIONS <sup>8</sup>		TRIM		MOUNTING <sup>12</sup>		FINISH <sup>13</sup>															
C0618SQUDXT 6" x 18" Cylinder	LUMENS <sup>1</sup>	OPTICS	LUMENS <sup>1</sup>	OPTICS	83 CRI		EX	Electronic Driver, 120V/277V	WL	Wet Location	TCY <sup>9</sup>	Same Color as Cylinder	WM3	Wall Mount 3" Extension	MW <sup>14</sup>	Matte White														
					27K	2700K											30K	3000K	FS	Fuse Holder and Fuse	TPT	Platinum Silver	WM5	Wall Mount 5" Extension	MB <sup>14</sup>	Matte Black				
C0624SQUDXT 6" x 24" Cylinder	10L	1000 Lm	XN <sup>5/6</sup>	12°	10L	1000 Lm	XN <sup>5/6</sup>	13°	DS10X	10%, 0-10V, 120V/277V	TCC	Custom Color																		
	13L	1300 Lm	ND	20°	13L	1300 Lm	ND	21°									DO10X	1%, 0-10V, 120V/277V												
	20L	2000 Lm	MD	38°	20L	2000 Lm	MD	39°																DS2W1	ELV/MLV, 120V					
	WD	45°	WD	44°	40K	4000K	40K	4000K																						
XW	58°	XW	56°	98 CRI		27HK	2700K	30HK	3000K	35HK	3500K	40HK	4000K	GL <sup>10</sup>	Clear Glass Lens	SO <sup>11</sup>	Micro Prism Solite™ Lens	FG	Frosted Glass Lens											

**EXAMPLE:** C0624SQUDXT20LWD20LWD35KEX/TCYSO/WM5/MW

**NOTES:**

1 Nominal Source Lumens at Any CCT 2 Nominal Delivered Lumens at 83 CRI at Any CCT with MD-GL, MD-TCY-SO-MW 3 At 83 CRI 4 1/4" Clear Glass Only 5 13L Max 6 XN not Available with 98 CRI Option 7 Contact Factory for Additional Options 8 See Product Options Page for Details 9 Standard Finish 10 Standard Lens for All Indirect and Direct: XN, ND 11 Standard Lens for Direct: MD, WD, XW 12 See Mounting Page for Details on Components and Finishes 13 See Color Page for More Options/Consult Factory for Special Finishes 14 Standard Finishes



PROJECT: \_\_\_\_\_  
TYPE: \_\_\_\_\_



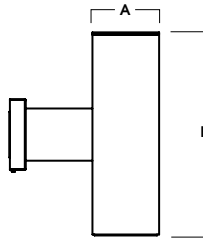
Dimensions and values shown are nominal. Spectrum Lighting continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

# 6" SQUARE DIRECT / INDIRECT

## FOCUSED ILLUMINATION / FIXTURE OPTIONS

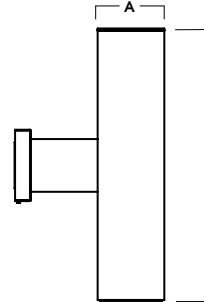


### SERIES SIZES



A	B
6.0	18.0
152.4 mm	457.2 mm

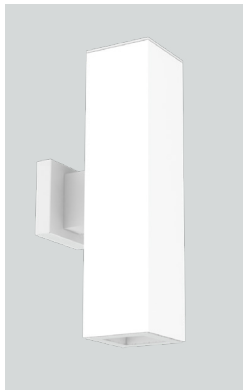
### C0624SQUDXT



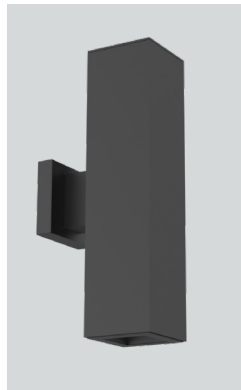
A	B
6.0	24.0
152.4 mm	609.6 mm

### STANDARD FINISHES

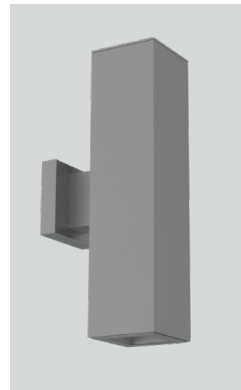
**MW**  
MATTE WHITE



**MB**  
MATTE BLACK

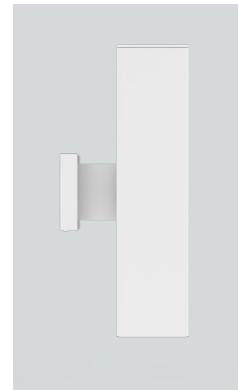


**PT**  
PLATINUM SILVER

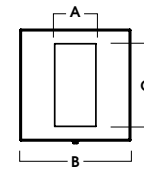


### WALL MOUNT DETAIL

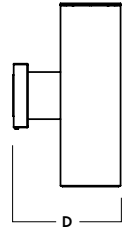
**WM3**  
WALL MOUNT 3" EXTENSION



FRONT VIEW

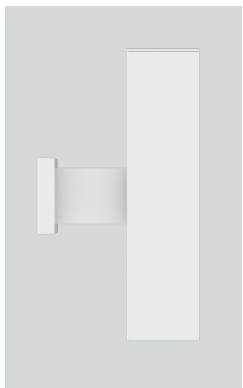


SIDE VIEW

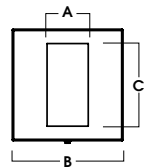


A	B	C	D
2.4	6.4	4.7	10.7
61.0 mm	162.6 mm	119.4 mm	271.8 mm

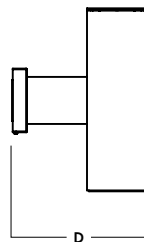
**WM5**  
WALL MOUNT 5" EXTENSION



FRONT VIEW



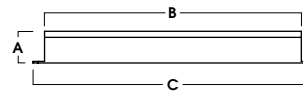
SIDE VIEW



A	B	C	D
2.4	6.4	4.7	13.4
61.0 mm	162.6 mm	119.4 mm	340.4 mm

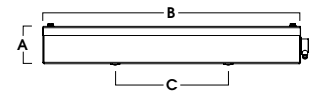
### EMERGENCY BATTERY OPTIONS

**EMRM\*** - 7W REMOTE EMERGENCY BATTERY  
(50' MAX)



A	B	C
1.3	12.6	13.0

**EMEN\*** - 7W REMOTE EMERGENCY BATTERY  
WITH ENCLOSURE (50' MAX)



A	B	C
2.0	17.0	6.2

\*OTHER EM BATTERY SIZES AVAILABLE. CONSULT FACTORY

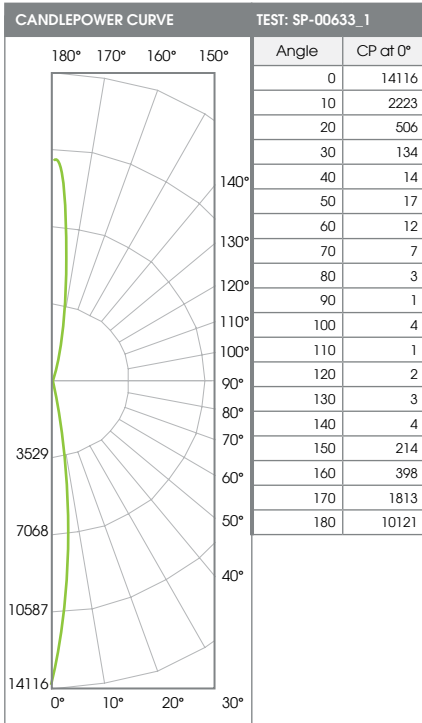
# 6" SQUARE DIRECT / INDIRECT

## FOCUSED ILLUMINATION / PHOTOMETRIC DATA



C06xxSQUDXT-13LXNGL-13LXN-xxKEX-TCY-GLMW

13Lx2 XTRA NARROW - 83 CRI



ZONAL LUMENS		
0-20	889	46%
0-40	1127	59%
0-60	1147	60%
0-90	1162	60%
90-120	9	0%
90-150	58	3%
90-180	761	40%
Total Lumens	1923	100%

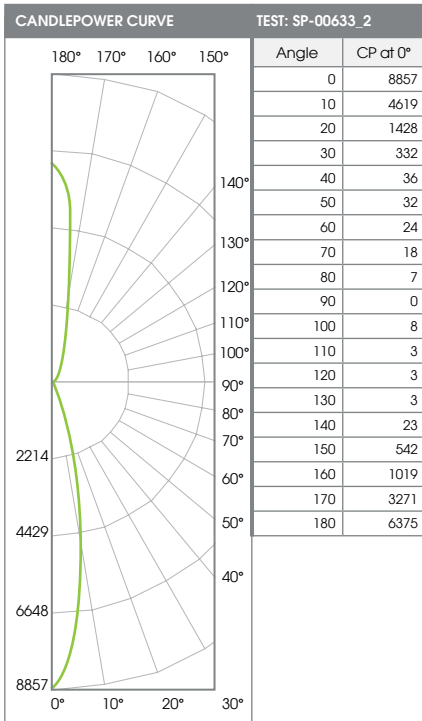
SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	467	1.2'	231
6.5'	334	1.4'	165
7.5'	251	1.6'	124
8.5'	195	1.8'	97
10.0'	141	2.1'	70
12.0'	98	2.5'	48
14.0'	72	2.9'	36
16.0'	55	3.4'	27

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Distance*	FC at Center	Diameter of Beam**	FC at Beam**
4.0'	882	0.8'	437
5.0'	565	1.0'	280
6.0'	392	1.2'	194
8.0'	221	1.5'	109
10.0'	141	1.9'	70
12.0'	98	2.3'	49
14.0'	72	2.7'	36
16.0'	55	3.1'	27

Delivered Lumens: 1923      CP @ 0° (Nadir): 14116      Spacing Ratio: N/A  
 Luminaire Watts: 36.8      Direct Beam Angle: 12°      Output Multipliers: 10L x 0.74  
 LER: 52      Indirect Beam Angle: 11°  
 CRI: 83

C06xxSQUDXT-20LNDGL-20LND-xxKEX-TCY-GLMW

20Lx2 NARROW - 83 CRI



ZONAL LUMENS		
0-20	1346	40%
0-40	1900	56%
0-60	1954	58%
0-90	1996	59%
90-120	16	0%
90-150	140	4%
90-180	1391	41%
Total Lumens	3386	100%

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	293	2.0'	142
6.5'	210	2.4'	101
7.5'	157	2.8'	76
8.5'	123	3.2'	59
10.0'	89	3.7'	43
12.0'	62	4.4'	30
14.0'	45	5.2'	22
16.0'	35	5.9'	17

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Distance*	FC at Center	Diameter of Beam**	FC at Beam**
4.0'	554	1.4'	268
5.0'	354	1.8'	172
6.0'	246	2.1'	119
8.0'	138	2.8'	67
10.0'	89	3.5'	43
12.0'	62	4.2'	30
14.0'	45	4.9'	22
16.0'	35	5.6'	17

Delivered Lumens: 3386      CP @ 0° (Nadir): 8857      Spacing Ratio: N/A  
 Luminaire Watts: 43.4      Direct Beam Angle: 21°      Output Multipliers: 10L x 0.48, 13L x 0.65  
 LER: 78      Indirect Beam Angle: 20°      83-0032  
 CRI: 83

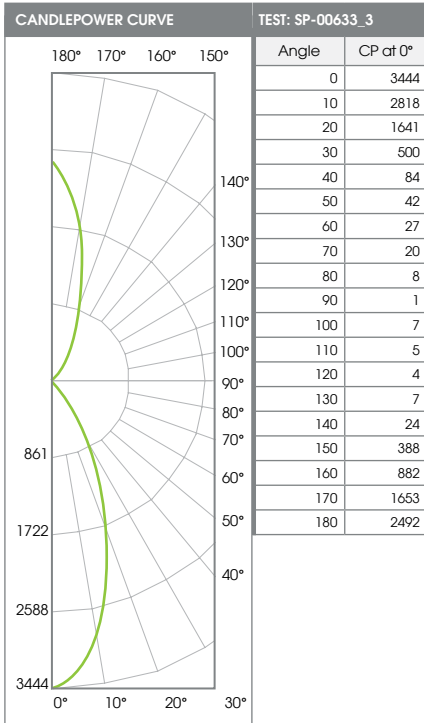
# 6" SQUARE DIRECT / INDIRECT

## FOCUSED ILLUMINATION / PHOTOMETRIC DATA



C06xxSQUDXT-20LMDGL-20LMD-xxKEX-TCY-SOMW

20Lx2 MEDIUM - 83 CRI



ZONAL LUMENS		
0-20	916	32%
0-40	1615	57%
0-60	1695	59%
0-90	1740	61%
90-120	16	1%
90-150	143	5%
90-180	1108	39%
Total Lumens	2849	100%

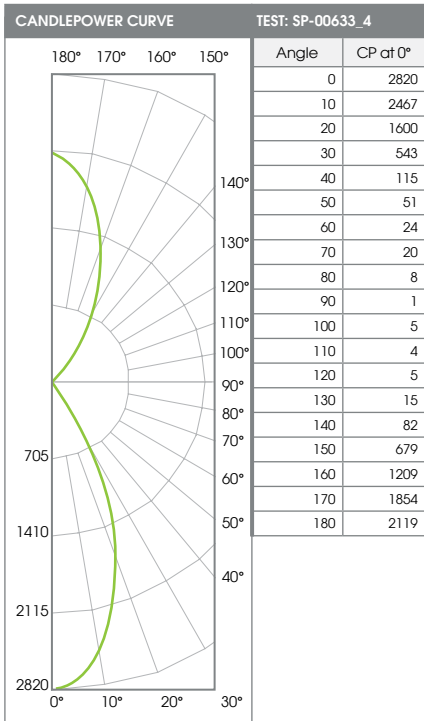
SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	114	3.9'	51
6.5'	82	4.6'	36
7.5'	61	5.3'	27
8.5'	48	6.0'	21
10.0'	34	7.0'	15
12.0'	24	8.4'	11
14.0'	18	9.8'	8
16.0'	13	11.2'	6

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Distance*	FC at Center	Diameter of Beam**	FC at Beam**
4.0'	215	2.1'	100
5.0'	138	2.7'	64
6.0'	96	3.2'	45
8.0'	54	4.3'	25
10.0'	34	5.4'	16
12.0'	24	6.4'	11
14.0'	18	7.5'	8
16.0'	13	8.6'	6

Delivered Lumens: 2849      CP @ 0° (Nadir): 3444      Spacing Ratio: N/A  
 Luminaire Watts: 43.4      Direct Beam Angle: 38.6°      Output Multipliers: 10L x 0.48, 13L x 0.65  
 LER: 66      Indirect Beam Angle: 30°  
 CRI: 83

C06xxSQUDXT-20LWDGL-20LWD-xxKEX-TCY-SOMW

20Lx2 WIDE - 83 CRI



ZONAL LUMENS		
0-20	822	28%
0-40	1562	53%
0-60	1659	56%
0-90	1703	58%
90-120	15	1%
90-150	223	8%
90-180	1256	42%
Total Lumens	2959	100%

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	93	4.4'	40
6.5'	67	5.2'	29
7.5'	50	6.0'	22
8.5'	39	6.8'	17
10.0'	28	8.0'	12
12.0'	20	9.6'	8
14.0'	14	11.3'	6
16.0'	11	12.9'	5

SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS			
Mounting Distance*	FC at Center	Diameter of Beam**	FC at Beam**
4.0'	176	2.9'	78
5.0'	113	3.6'	50
6.0'	78	4.4'	35
8.0'	44	5.8'	19
10.0'	28	7.3'	12
12.0'	20	8.7'	9
14.0'	14	10.2'	6
16.0'	11	11.6'	5

Delivered Lumens: 2959      CP @ 0° (Nadir): 2820      Spacing Ratio: N/A  
 Luminaire Watts: 43.4      Direct Beam Angle: 43.8°      Output Multipliers: 10L x 0.48, 13L x 0.65  
 LER: 68      Indirect Beam Angle: 40.0°  
 CRI: 83

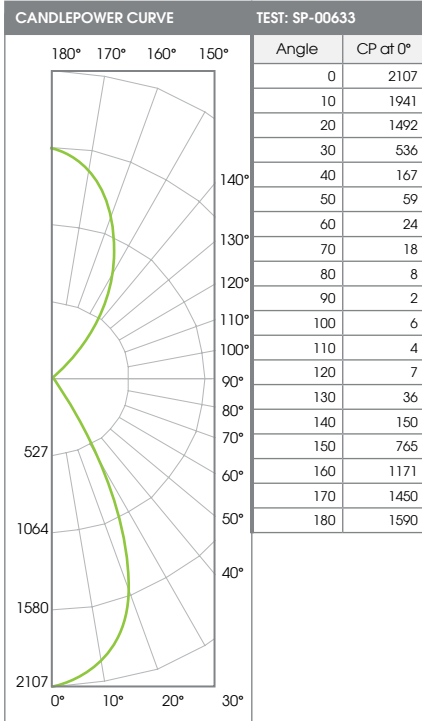
# 6" SQUARE DIRECT / INDIRECT

## FOCUSED ILLUMINATION / PHOTOMETRIC DATA



C06xxSQUDXT-20LXWGL-20LXW-xxKEX-TCY-SOMW

20Lx2 XTRA WIDE - 83 CRI



Angle Range	Lumens	%
0-20	674	24%
0-40	1413	50%
0-60	1534	54%
0-90	1576	56%
90-120	15	1%
90-150	294	10%
90-180	1261	44%
Total Lumens	2837	100%

Mounting Height*	FC at Center	Diameter of Beam**	FC at Beam**
5.5'	70	5.2'	29
6.5'	50	6.1'	20
7.5'	37	7.1'	15
8.5'	29	8.0'	12
10.0'	21	9.4'	9
12.0'	15	11.3'	6
14.0'	11	13.2'	4
16.0'	8	15.1'	3

\* From aperture to horizontal surface below.  
\*\* At IESNA defined Beam Angle, to 50% Max. CP.

Mounting Distance*	FC at Center	Diameter of Beam**	FC at Beam**
4.0'	132	3.7'	54
5.0'	84	4.7'	35
6.0'	59	5.6'	24
8.0'	33	7.5'	14
10.0'	21	9.3'	9
12.0'	15	11.2'	6
14.0'	11	13.1'	4
16.0'	8	14.9'	3

\* From top of fixture to horizontal surface above.  
\*\* At IESNA defined Beam Angle, to 50% Max. CP.

Delivered Lumens: 2837      CP @ 0° (Nadir): 2107      Spacing Ratio: N/A  
 Luminaire Watts: 43.4      Direct Beam Angle: 50.4°      Output Multipliers: 10L x 0.48, 13L x 0.65  
 LER: 65      Indirect Beam Angle: 50.0°  
 CRI: 83

# COLOR OPTIONS - POWDER COAT PAINT FINISHES

NOTE: NO PRINTED IMAGE CAN EQUAL THE EXACT COLOR OF FINISH ON METAL.  
SEE INDIVIDUAL SPECIFICATION SHEETS OR CONSULT FACTORY FOR ADDITIONAL INFORMATION.



## STANDARD CORD / STEM / CANOPY FINISHES

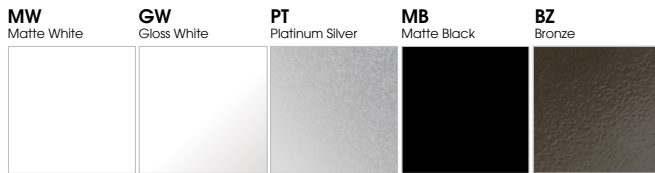
FIXTURE COLOR	STANDARD CORD COLOR	STANDARD CANOPY / STEM COLOR
Matte White, Textured White	Matte White	Matte White
Gloss White	Matte White	Gloss White
Matte Black, Textured Black	Matte Black	Matte Black
All Others	Matte Black	Same Color as Fixture
Custom Color	Contact Factory	Contact Factory

## PAINT TIMES

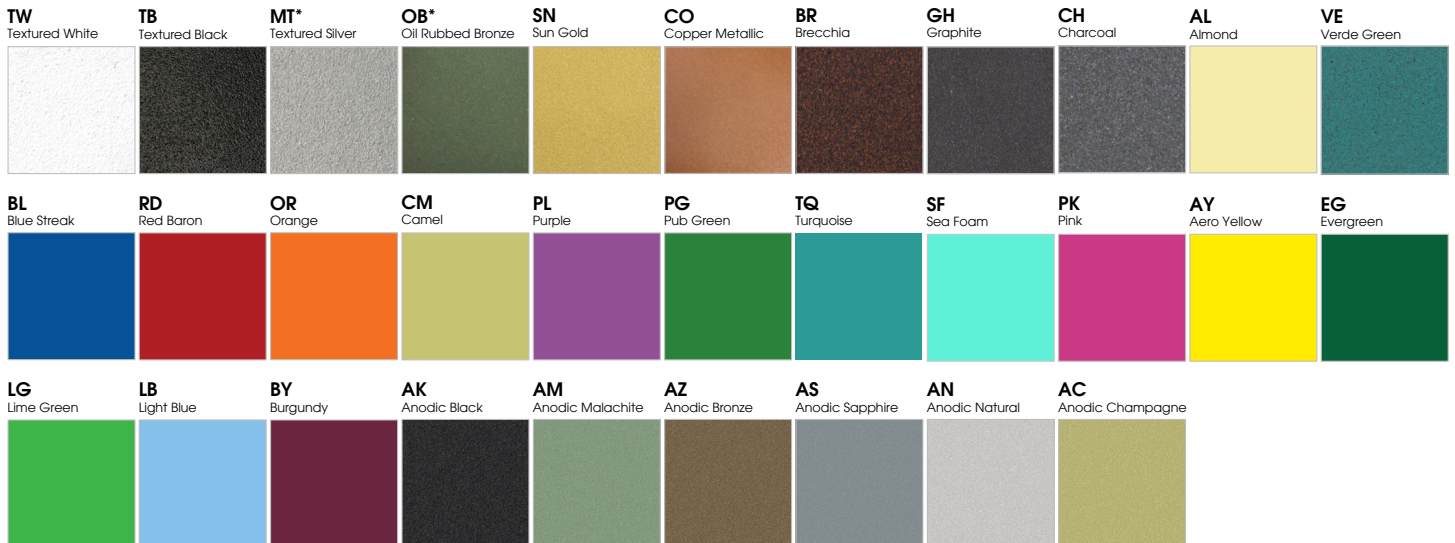
TIER	COST	AVERAGE PAINT TIME*
Tier 1 - Standard Finishes	\$	⌚
Tier 2 - Typical Finishes	\$\$	⌚⌚
Custom Color	Contact Factory	Contact Factory

\*CONTACT FACTORY FOR SPECIFIC PRODUCT LEAD TIMES

## TIER 1 - STANDARD FINISHES



## TIER 2 - TYPICAL FINISHES



## CUSTOM COLOR FINISHES

CONTACT FACTORY

**CC**  
Custom Color



\*UNAVAILABLE FOR WET LOCATION